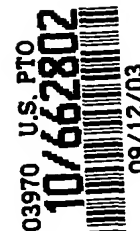


"EXPRESS MAIL" COVER LETTER

Date: September 12, 2003

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop PATENT APPLICATIONS
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202



Re: Application for United States Letters Patent

APPLICANT: Alan H. Clauer et al.

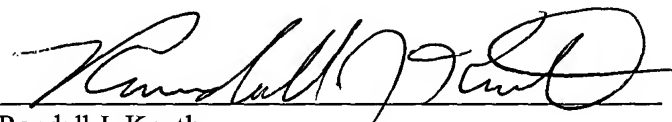
TITLE OF INVENTION: METHOD USING LASER SHOCK PROCESSING TO PROVIDE
IMPROVED RESIDUAL STRESS PROFILE CHARACTERISTICS

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

Fee Transmittal Letter
Specification (75 Sheets)
Claims (17 Sheets)
Abstract
Drawings (17 Sheets)
Preliminary Amendment (14 Sheets Total)
UnExecuted Declaration
Copy of Recorded Assignment for invention Recorded on October 3, 2002 Reel/Frame: 013346/0882
Applicant claims small entity status. See 37 CFR 1.27.
Information Disclosure Statement
Form PTO-1449
Cited Art References

Respectfully submitted,


Randall J. Knuth
Registration No. 34,644

RJK/jrw

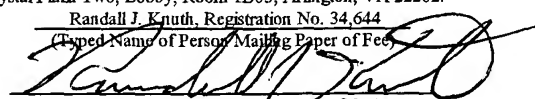
Enclosures: As stated above.

Check No. 7316 (\$759.00)
Return Postcard

RANDALL J. KNUTH, P.C.
3510-A STELLHORN ROAD
FORT WAYNE, IN 46815-4631
TELEPHONE: 260-485-6001
FACSIMILE: 260-486-2794

"EXPRESS MAIL" MAILING NUMBER EL161758154US
Date of Deposit: September 12, 2003.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 on the date indicated above and is addressed to U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Mail Stop Patent Applications, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202.

Randall J. Knuth, Registration No. 34,644
(Typed Name of Person Mailing Paper of Fee)

(Signature of Person Mailing Paper of Fee)

09/12/03
17707 U.S. PRO

Date: September 12, 2003

Attorney Docket No. LSP-53

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop PATENT APPLICATIONS
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

Transmitted herewith for filing is the patent application of:

Inventor: Alan H. Clauer et al.

For: METHOD USING LASER SHOCK PROCESSING TO PROVIDE IMPROVED RESIDUAL STRESS PROFILE CHARACTERISTICS

Enclosed are:

- [X] Seventeen (17) Sheets of Drawings.
- [X] A copy of recorded assignment of the invention recorded on October 3, 2002 Reel/Frame 013346/0882.
- [] A certified copy of a _____ application.
- [X] Applicant claims small entity status. See 37 CFR 1.27. Fees indicated below are reduced by 1/2.
- [X] Other Unexecuted Declaration, Preliminary Amendment, Information Disclosure Statement, PTO-1449, and Cited Art.

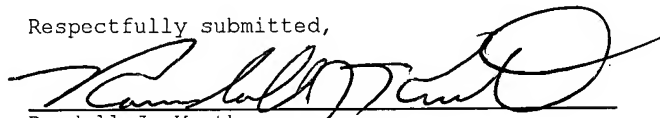
The filing fee has been calculated as follows:

Column 1		Column 2			
FOR	FILED	EXTRA	RATE	FEE	
BASIC FEE				\$750.00	
TOTAL CLAIMS	30 - 20 =	10	x \$ 18.00 =	\$180.00	
INDEPENDENT CLAIMS	10 - 03 =	07	x \$ 84.00 =	\$588.00	
MULTIPLE DEPENDENT CLAIMS:			+ \$280.00 =	\$0.00	
*NOTE: If the difference in Column 1 is less than zero, enter "0" in Column 2.				TOTAL OF ABOVE CALCULATIONS \$1,518.00	
Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.				\$759.00	
TOTAL				\$759.00	
Assignment Recording Fee (\$40)				\$0.00	
Non-English Specification Fee (\$130)				\$0.00	
Total Enclosed				\$759.00	

[X] A check in the amount of \$ 759.00 to cover the filing fee is enclosed. (Check No. 7316.)

[X] The Commissioner is hereby authorized to charge any additional fees which may be required and any overpayments to: RANDALL J. KNUTH, P.C. - Account Number 501157

Respectfully submitted,


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